

Title (en)
PAPERBOARD-BASED BEVERAGE CONTAINER

Title (de)
AUF PAPPE BASIERENDER GETRÄNKEBEHÄLTER

Title (fr)
RÉCIPIENT DE BOISSON À BASE DE CARTON

Publication
EP 2427329 A2 20120314 (EN)

Application
EP 10719852 A 20100505

Priority
• US 2010033658 W 20100505
• US 17556909 P 20090505
• US 28799009 P 20091218

Abstract (en)
[origin: WO2010129629A1] A packaging material with enhanced thermal-insulating performance is disclosed that includes a paper-based substrate and a thermal-insulating layer positioned on at least one surface of the substrate. The thermal-insulating layer contains void structure and is derived from a fluid thermal-insulating composition comprising: 20% to 70% weight of filler; 15% to 70% weight of organic binder; 0.5% to 10 weight of plasticizer; and 10% to 15% weight of moisture, based on the total thermo-insulating composition weight. When desired, the disclosed packaging material may further include a paper-based top layer such that the thermal-insulating layer is positioned between the paper-based substrate and the paper-based top layer. The disclosed packaging material may be used in the formation of thermo-insulating containers such as food bowls and beverage cups, as well as the sleeve components to impart thermo-insulating performance to packaging containers.

IPC 8 full level
B32B 5/18 (2006.01); **B31B 50/62** (2017.01); **B32B 27/10** (2006.01); **B32B 27/18** (2006.01); **B32B 29/00** (2006.01); **B65D 81/38** (2006.01)

CPC (source: EP US)
B31B 50/62 (2017.07 - EP US); **B32B 3/26** (2013.01 - US); **B32B 5/16** (2013.01 - US); **B32B 5/20** (2013.01 - EP US); **B32B 9/02** (2013.01 - EP US); **B32B 9/06** (2013.01 - EP US); **B32B 15/12** (2013.01 - US); **B32B 23/06** (2013.01 - US); **B32B 27/10** (2013.01 - EP US); **B32B 27/18** (2013.01 - EP US); **B32B 27/205** (2013.01 - EP US); **B32B 27/22** (2013.01 - EP US); **B32B 27/302** (2013.01 - EP US); **B32B 27/306** (2013.01 - EP US); **B32B 27/32** (2013.01 - EP US); **B32B 29/002** (2013.01 - US); **B32B 29/005** (2013.01 - EP US); **B32B 29/007** (2013.01 - EP US); **B32B 29/02** (2013.01 - EP US); **B32B 29/04** (2013.01 - EP US); **B65D 3/06** (2013.01 - US); **B65D 3/28** (2013.01 - US); **B65D 81/3874** (2013.01 - EP US); **B32B 2255/12** (2013.01 - EP US); **B32B 2255/26** (2013.01 - EP US); **B32B 2260/025** (2013.01 - EP US); **B32B 2260/046** (2013.01 - EP US); **B32B 2262/06** (2013.01 - EP US); **B32B 2264/06** (2013.01 - EP US); **B32B 2266/0207** (2013.01 - EP US); **B32B 2266/0228** (2013.01 - EP US); **B32B 2266/0242** (2013.01 - EP US); **B32B 2266/025** (2013.01 - EP US); **B32B 2270/00** (2013.01 - EP US); **B32B 2307/304** (2013.01 - EP US); **B32B 2307/7163** (2013.01 - EP US); **B32B 2307/7246** (2013.01 - EP US); **B32B 2439/70** (2013.01 - EP US); **Y02A 40/90** (2017.12 - EP); **Y10T 156/10** (2015.01 - EP US); **Y10T 428/13** (2015.01 - EP US); **Y10T 428/1303** (2015.01 - EP US); **Y10T 428/1352** (2015.01 - EP US); **Y10T 428/1393** (2015.01 - EP US); **Y10T 428/24851** (2015.01 - EP US); **Y10T 428/2495** (2015.01 - EP US); **Y10T 428/249953** (2015.04 - EP US); **Y10T 428/249962** (2015.04 - EP US); **Y10T 428/249974** (2015.04 - EP US); **Y10T 428/253** (2015.01 - EP US); **Y10T 428/26** (2015.01 - EP US); **Y10T 428/31703** (2015.04 - EP US); **Y10T 428/31895** (2015.04 - EP US); **Y10T 428/31899** (2015.04 - EP US); **Y10T 428/31902** (2015.04 - EP US); **Y10T 428/31975** (2015.04 - EP US); **Y10T 428/31982** (2015.04 - EP US); **Y10T 428/31993** (2015.04 - EP US); **Y10T 428/31996** (2015.04 - EP US)

Citation (search report)
See references of WO 2010129633A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010129629 A1 20101111; AU 2010245971 A1 20111110; AU 2010245975 A1 20111110; AU 2010245975 B2 20130718; CA 2760933 A1 20101111; CA 2761502 A1 20101111; CA 2761502 C 20150217; CN 102421594 A 20120418; CN 102448715 A 20120509; EP 2427328 A1 20120314; EP 2427329 A2 20120314; JP 2012526006 A 20121025; JP 2012526026 A 20121025; JP 5623509 B2 20141112; MX 2011011054 A 20111216; MX 2011011355 A 20120112; RU 2011149225 A 20130610; RU 2011149315 A 20130610; US 2011210164 A1 20110901; US 2012043373 A1 20120223; US 2013190154 A1 20130725; US 2013312894 A1 20131128; US 2013344304 A1 20131226; US 8389079 B2 20130305; US 8541074 B2 20130924; US 8647717 B2 20140211; US 8652598 B2 20140218; WO 2010129633 A2 20101111; WO 2010129633 A3 20110505

DOCDB simple family (application)
US 2010033653 W 20100505; AU 2010245971 A 20100505; AU 2010245975 A 20100505; CA 2760933 A 20100505; CA 2761502 A 20100505; CN 201080019465 A 20100505; CN 201080020120 A 20100505; EP 10719851 A 20100505; EP 10719852 A 20100505; JP 2012509936 A 20100505; JP 2012509938 A 20100505; MX 2011011054 A 20100505; MX 2011011355 A 20100505; RU 2011149225 A 20100505; RU 2011149315 A 20100505; US 2010033658 W 20100505; US 201013318380 A 20100505; US 201113080064 A 20110405; US 201313770028 A 20130219; US 201313958071 A 20130802; US 201313958086 A 20130802